



Supplementary Fig. 8. Extrathyroidal extension.

A. Capsule abutment. Surgery: microscopic extrathyroidal extension (pT3). **B.** Capsular disruption (arrow). Surgery: microscopic extrathyroidal extension (pT3). **C.** Capsular protrusion. Surgery: gross extrathyroidal extension with invasion of anterior strap muscle (pT3). **D.** Capsular protrusion with loss of intervening normal thyroid parenchyma between nodule and inferomedial tracheal wall. Surgery: gross extrathyroidal extension with invasion of recurrent laryngeal nerve (pT4a). Diagnosis: papillary carcinoma (**A-D**).